

Across

3. term used to describe metamorphic rocks that have grains arranged in parallel layers or bands
4. the tendency of a mineral to break along flat surfaces
8. the color of a mineral's powder
9. condition in which the earth's surface is worn away by the action of water and wind
10. process in which sediment is laid down in new locations
11. the way a mineral reflects light from its surface
13. A hollow rock inside which mineral crystals have grown.
14. a measure of how easily a mineral can be scratched
16. A dark, dense, igneous rock with a fine texture, found in oceanic crust
17. a type of sedimentary rock composed of once living organisms
18. Rocks changed by intense heat or extreme pressure
21. Sedimentary rock that forms when minerals crystallize from a solution
23. not formed from living things or the remains of living things, does not contain carbon
24. The process by which atoms are arranged to form a material with a crystal structure
26. a solid in which the atoms are arranged in a pattern that repeats again and again
27. small, solid pieces of material that come from rocks or living things
28. sedimentary rock consisting of rock fragments compacted and cemented together
29. The particles of minerals or other rocks that give a rock its texture
30. a naturally occurring, inorganic solid that has a crystal structure and a definite chemical composition

Down

1. The process by which sediments are pressed together under their own weight.
2. physical property of some minerals that causes them to break with uneven, rough, or jagged surfaces
5. a layer of ore between layers of rock
6. hardness scale a scale ranking ten minerals from softest to hardest; used in testing the hardness of minerals
7. Igneous rock that forms when magma hardens beneath Earth's surface.
8. rock formed when layers of sediments were pressed and cemented together
12. rock formed from cooled magma or lava
13. A usually light colored igneous rock that is found in continental crust
15. A naturally occurring solid mixture of one or more minerals or organic matter
19. mineral The common minerals that make up most of the rocks of Earth's crust
20. a mixture in which one substance is dissolved in another
21. The process by which dissolved minerals crystallize and glue particles of sediment together into one mass.
22. igneous rock that forms from lava on Earth's surface
25. the look and feel of a rock's surface

